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NPIC/R-1148/64

March 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

GOLDEN TREE MISSION 3863

15 MARCH 1964

Declass Review by
NIMA/DOD

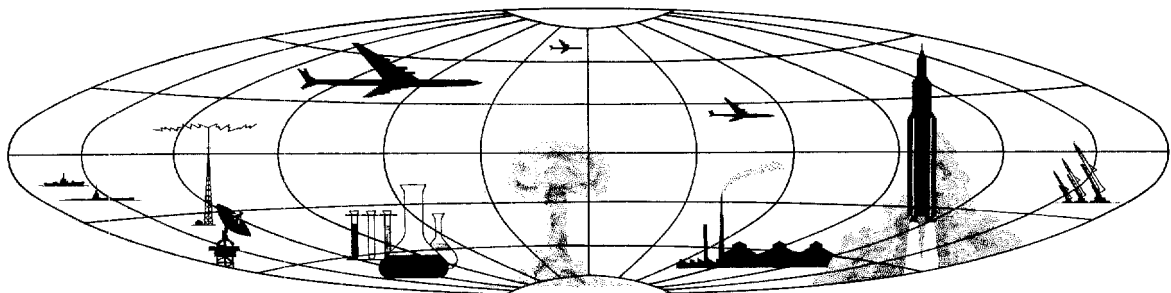


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W A R N I N G

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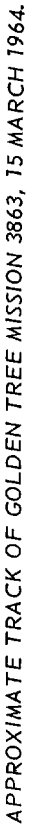
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GOLDEN TREE MISSION 3863, DATED 15 MAR 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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NPIC H-8492 (3/64)



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FOR AN ITEM OF SPECIAL INTEREST, SEE --
SAGUA LA GRANDE SAM SITE [REDACTED]

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25X1

MISSILES

SAGUA LA GRANDE SAM SITE 2251N 08005W

SIX REVETTED LAUNCHERS (4 CANVAS-COVERED), ONE CANVAS-COVERED HOLD AREA, ONE CANVAS-COVERED PARKING AREA, AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. A COMPLEMENT OF 2 ADDITIONAL LAUNCHERS, A POSSIBLE FAN SONG RADAR, 6 VAN TRUCKS, AND 5 VAN TRAILERS IS ADJACENT TO A HOLD AREA. NO APPARENT CHANGE IN FACILITIES.

25X1

SIGUANEA SAM SITE 2137N 08257W

FOUR REVETTED LAUNCHERS (2 CANVAS-COVERED), ONE CANVAS-COVERED MISSILE TRANSPORTER, ONE CANVAS-COVERED HOLD AREA, ONE PROBABLE TRUCK-MOUNTED CRANE, AND A GUIDANCE AREA CONTAINING RADAR AND SHED-COVERED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS. NW AREA -- 21 CARGO TRUCKS AND 3 PROBABLE VAN TRAILERS OBSERVED IN CLOUD-FREE AREAS. SSE AREA -- 4 CARGO TRUCKS AND 4 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNRENETTED LAUNCHERS (AT LEAST ONE WITH MISSILE), 7 PROBABLE MISSILE TRANSPORTERS (2 CANVAS-COVERED, AND ONE ADJACENT TO LAUNCHER), 7 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. TWO ADDITIONAL LAUNCHERS, ONE POSSIBLE FAN SONG RADAR, AND 11 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT ARE LOCATED IN THE SUPPORT AREA. OBLIQUITY LIMITS INTERPRETATION.

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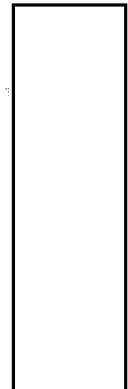
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SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

AT LEAST 21 MISSILE TRANSPORTERS (18 CANVAS-COVERED)
AND AT LEAST 16 TRACKED PRIME MOVERS OBSERVED.
NO APPARENT CHANGE IN FACILITIES.
OBLIQUITY LIMITS INTERPRETATION.

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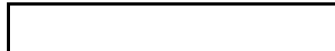
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VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

TWENTY-THREE MISSILE TRANSPORTERS (3 WITHOUT
PRIME MOVERS), 3 TRACTOR-TRAILER TRUCKS, 6
TRACKED PRIME MOVERS, 19 CARGO TRUCKS, 13 VAN
TRUCKS, 2 TRUCK-MOUNTED CRANES, ONE POL TANK TRUCK,
7 UTILITY TRUCKS, 3 FLATBED TRAILERS, 4 VAN TRAILERS,
AND NUMEROUS MISSILE CANISTERS OBSERVED.
FACILITIES INCLUDE 6 BARRACKS-TYPE BUILDINGS, AT
LEAST 6 OTHER BUILDINGS, 2 MISSILE-ASSEMBLY TENTS,
ONE RIGID-FRAME TENT, 12 LARGE TENTS (6 NON-SOVIET),
6 MEDIUM TENTS, AND 4 SMALL TENTS.

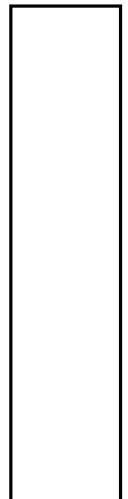
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MALDONADO SAM SITE 2012N 07528W

SIX REVETTED LAUNCHERS (3 WITH MISSILES), ONE
MISSILE TRANSPORTER WITH UNCOVERED MISSILE
ADJACENT TO LAUNCHER, 3 POSSIBLE CANVAS-COVERED
MISSILE TRANSPORTERS IN HOLD REVETMENT, 13
CANVAS-COVERED TRACKED PRIME MOVERS, AND A
GUIDANCE REVETMENT WITH RADAR AND CANVAS-COVERED
EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1



25X1



CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

SIX UNREVVETTED LAUNCHERS (5 CANVAS-COVERED), 2
ADDITIONAL LAUNCHERS (ONE ADJACENT TO RING ROAD
AND ONE IN SUPPORT AREA), 7 CANVAS-COVERED

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MISSILE TRANSPORTERS, 8 TRACKED PRIME MOVERS, 8 CARGO TRUCKS, 6 VAN TRUCKS, 7 TRUCK-TRACTORS, 5 VAN TRAILERS, AND A GUIDANCE AREA CONTAINING RADAR, ONE VAN TRAILER, AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

HOLGUIN SAM SITE 2052N 07627W

25X1

SIX CANVAS-COVERED LAUNCHERS, 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED AND ONE WITH MISSILE ADJACENT TO A LAUNCHER), 15 TRACKED PRIME MOVERS, 5 CARGO TRUCKS, ONE VAN TRUCK, ONE UTILITY TRUCK, 3 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.
FACILITIES INCLUDE 4 BARRACKS-TYPE BUILDINGS, 3 OTHER BUILDINGS, 9 LARGE NON-SOVIET TENTS, 2 MEDIUM TENTS (ONE NON-SOVIET), 3 SMALL TENTS, AND 3 SMALL CANVAS-COVERED AREAS.

25X1

SANTA CLARA SAM SITE 2229N 08000W

25X1

SIX UNREVIEWED LAUNCHERS (5 CANVAS-COVERED AND ONE WITH MISSILE), 2 CANVAS-COVERED HOLD AREAS, 8 TRACKED PRIME MOVERS (4 CANVAS-COVERED), 6 CARGO TRUCKS, 2 VAN TRUCKS, ONE UTILITY TRUCK, ONE TRUCK-MOUNTED CRANE, 3 PROBABLE VAN TRAILERS, AND A GUIDANCE AREA CONTAINING RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1

NUEVITAS SAM SITE 2 2132N 07717W

25X1

SIX UNREVIEWED LAUNCHERS (5 CANVAS-COVERED), 6 CANVAS-COVERED MISSILES TRANSPORTERS (3 WITHOUT PRIME MOVERS), 10 CANVAS-COVERED TRACKED PRIME MOVERS, 2 VAN TRUCKS, 3 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR, 3 VAN TRAILERS,

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AND CANVAS-COVERED EQUIPMENT OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

PRESTON SAM SITE 2044N 07538W

25X1

SIX REVETTED LAUNCHERS (3 WITH MISSILES), 6 MISSILE
TRANSPORTERS (2 WITH UNCOVERED MISSILES), 10 TRACKED
PRIME MOVERS, AT LEAST 12 OTHER VEHICLES, AND A
GUIDANCE REVETMENT CONTAINING RADAR AND 6 VAN
TRAILERS OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

25X1

TWO REVETTED CANVAS-COVERED LAUNCHERS, ONE
MISSILE TRANSPORTER, 2 CARGO TRUCKS, ONE OTHER
VEHICLE, 8 CRUISE-MISSILE CRATES, 3 NET-COVERED
HOLD AREAS, AND A CANVAS-COVERED GUIDANCE AREA
OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

MAYARI ARRIBA CRUISE-MISSILE ACTIVITY 2027N 07531W

25X1

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 10 FAGOT/FRESCO AND 2 HOUND OBSERVED
IN CLOUD-FREE AREAS.

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CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

AIRCRAFT -- 2 LIAISON.

25X1

HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 5 FAGOT, ONE COLT, ONE PROBABLE ZLIN
TRENER, 10 HOUND (ONE WITHOUT ROTOR), AND ONE HARE.

25X1

ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT, 2 C-47, ONE HOUND, AND
7 LIAISON.

25X1

SAN JULIAN AIRFIELD 2205N 08409W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1

BAYAMO AIRFIELD EAST 2022N 07637W

AIRCRAFT -- 7 LIAISON.

25X1

CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- 2 LIAISON AND 3 HOUND.

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NAVAL ACTIVITY/PORTS

SIGUANEA NAVAL BASE 2136N 08258W

VESSELS -- 2 P-6 MTB AND 2 OTHER VESSELS OBSERVED
IN CLOUD-FREE AREAS.

25X1

BANES NAVAL BASE 2055N 07542W

VESSELS -- ONE PROBABLE KRONSTADT-CLASS PC AND 2 YP.
AT LEAST 3 UNIDENTIFIED CRATES REMAIN.

CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- 2 PROBABLE KRONSTADT-CLASS PC, 4
PROBABLE P-6 MTB (ONE ON MARINE RAILWAY), ONE
POSSIBLE YP (ON MARINE RAILWAY), ONE LARGE
FREIGHTER AND ONE LARGE TANKER OBSERVED IN CLOUD-FREE
AREAS.

MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OBSERVED.

SANTIAGO DE CUBA PORT AND NAVAL BASE 2001N 07550W

VESSELS -- 5 LARGE FREIGHTERS, ONE SMALL FREIGHTER,
AND 2 LARGE TANKERS.

NUEVITAS PORT 2132N 07715W

VESSELS -- 2 LARGE FREIGHTERS.

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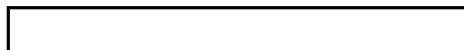
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LA ISABELA PORT 2256N 08000W

NO LARGE VESSELS OBSERVED.

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CAIBARIEN PORT 2231N 07928W

NO LARGE VESSELS OBSERVED.

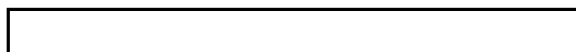
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CASILDA PORT 2145N 07959W

VESSELS -- ONE POSSIBLE PCE OBSERVED IN CLOUD-FREE AREAS.

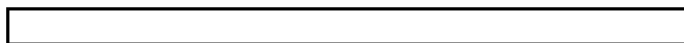
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JUCARO PORT 2137N 07851W

VESSELS -- ONE LARGE FREIGHTER.

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PUERTO PADRE PORT 2113N 07632W

VESSELS -- ONE LARGE FREIGHTER AND ONE LARGE TANKER.

25X1

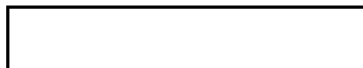


MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED.

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MANZANILLO MILITARY CAMP 2017N 07707W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE TANKS/SP GUNS, 2 CARGO TRUCKS,
2 VAN TRUCKS, 2 UTILITY TRUCKS, AND 11 AAA
PIECES OBSERVED.

25X1

25X1

HOLGUIN MILITARY CAMP 2053N 07613W

25X1

CAMAGUEY MILITARY CAMP (COUNTRY CLUB) 2121N 07751W

25X1

OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.
FORTY TANKS/SP GUNS, 2 FLATBED TRACTOR-TRAILER
TRUCKS, 103 CARGO TRUCKS, 9 UTILITY TRUCKS, 32
FA PIECES, 22 AAA PIECES, 18 MORTARS AND 6
UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT.

25X1

SANTA CLARA AREA MILITARY ACTIVITY 2220N 07957W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-TWO TANKS/SP GUNS AND ONE OTHER VEHICLE
OBSERVED.

25X1

CAMAGUEY MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.

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FORTY-SIX CARGO TRUCKS (7 IN SECURED AREA), 3 UTILITY TRUCKS, 29 FA PIECES, AND 18 MORTARS OBSERVED.

25X1



25X1

EL CRISTO MILITARY INSTALLATION 2008N 07547W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. TWELVE PROBABLE BTR-50P, 22 CARGO TRUCKS, 2 UTILITY TRUCKS, ONE OTHER VEHICLE, AND 7 FA PIECES OBSERVED.
AREA 1.6 NM NE -- NO APPARENT CHANGE IN FACILITIES. TWENTY-FOUR CARGO TRUCKS, ONE TRUCK-MOUNTED CRANE, ONE TRACKED PRIME MOVER (WITH DOZER BLADE), ONE BULLDOZER, ONE BACKHOE, AND 3 OTHER VEHICLES OBSERVED.

25X1



MACAGUA MILITARY CAMP 2050N 07610W

NO APPARENT CHANGE IN FACILITIES. TWENTY CARGO TRUCKS, ONE UTILITY TRUCK, AND 36 MORTARS OBSERVED.

25X1



GUANE MILITARY CAMP 2212N 08408W

NO APPARENT CHANGE IN FACILITIES. EIGHT POSSIBLE TANKS/SP GUNS, 11 POSSIBLE CARGO TRUCKS, AND AT LEAST 17 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1



HOLGUIN MILITARY CAMP NW 2057N 07616W



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LA JUTIA MILITARY INSTALLATION 2154N 08015W

NO APPARENT CHANGE IN FACILITIES.
THREE UNIDENTIFIED VEHICLES OBSERVED.

25X1

ALTAGRACIA MILITARY AREA 2123N 07742W

NO APPARENT CHANGE IN FACILITIES.
FIFTEEN TANKS/SP GUNS AND ONE OTHER VEHICLE.

25X1

MINAS MILITARY CAMP 2127N 07734W

TWENTY-TWO POSSIBLE TANKS/SP GUNS, 7 CARGO
TRUCKS, AND 2 OTHER VEHICLES OBSERVED.

25X1

SANTA CLARA AREA ARTILLERY TRAINING AREA 2222N 08000W

AREA 1 -- 12 PROBABLE BRDM APC AND AT LEAST 8
PROBABLE CARGO TRUCKS.
AREA 2 -- NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED.
AREA 3 -- NO VEHICLES OBSERVED IN CLOUD-FREE AREAS.
AREA 4 -- 16 UNIDENTIFIED VEHICLES.
AREA 5 -- 22 PROBABLE TANKS/SP GUNS OBSERVED IN
CLOUD-FREE AREAS.

25X1

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

MAIN CAMP -- 13 CARGO TRUCKS, 4 FA PIECES AND
10 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT.
THE 3-GUN AAA SITE IS UNOCCUPIED.
CAMP ONE NM NORTH -- 10 CARGO TRUCKS AND 11 FA PIECES.

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DOS CAMINOS MILITARY TRAINING AREA 2014N 07547W

SIXTEEN TRACKED PRIME MOVERS (IN CONVOY FORMATION
ON ROAD WITHIN CAMP PROPER), 47 CARGO TRUCKS, 2
UTILITY TRUCKS, AND 71 FA PIECES OBSERVED.

25X1

LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.
TWELVE CARGO TRUCKS, ONE UTILITY TRUCK, AND 9
FA PIECES OBSERVED.

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2005N 07509W
JAIME GONZALES AIRFIELD	2209N 08024W
TRINIDAD AIRFIELD	2147N 07959W

MATAGUA MILITARY CAMP	2215N 08002W
CAMAGUEY MILITARY INSTALLATION	2117N 07800W
BARAJAGUA STORAGE DEPOT	2208N 08004W
SANTA CLARA MILITARY CAMP CUBANACAN	2224N 07952W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
MAR VERDE LANDING BEACH	1957N 07557W
NICARO LANDING BEACH	2042N 07533W
MANICARAGUA STORAGE AREA	2206N 07958W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED--

SAN JULIAN SAM SITE	2205N 08408W
CAIBARIEN SAM SITE	2228N 07929W
LOS ANGELES SAM SITE	2100N 07541W
DELEITE SAM SITE	2259N 08045W
BANES CRUISE-MISSILE SITE	2058N 07538W
REMEDIOS MILITARY AREA	2227N 07935W
ALTO CEDRO MILITARY CAMP	2029N 07600W
TRINIDAD AREA POSS MIL HEADQUARTERS	2150N 07953W
MINAS MILITARY CAMP	2127N 07734W
TACAJO MILITARY CAMP	2051N 07558W
ENSENADA COLORADO LANDING BEACH	2202N 08025W

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